

**NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 11-10-99 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
 Black ink. Color _____
 Color drawings are not acceptable until petition is granted.
 Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b)
 1 full-tone set is required. Fig(s) _____
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(c)
 Paper not flexible, strong, white and durable; thin drawings with fold lines; drawings with creases, wrinkles, or folds; copy, machine marks not accepted. Fig(s) _____
 Mylar, vellum paper is not acceptable (too thin). Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(d): Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size. Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11 (11 x 8 1/2) inches
 Margins not acceptable. Fig(s) _____
 Top (T) _____ Right (R) _____ Bottom (B) _____
6. VIEWS. 37 CFR 1.84(h):
 REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views: 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity.
 Fig(s) _____
 Views not labeled separately or properly.
 Fig(s) _____
 Enlarged view not labeled separately or properly.
 Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
 Hatching not indicated for sectional portions of an object.
 Fig(s) _____
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):
 Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
9. SCALE. 37 CFR 1.84(k): Linear Scale of at least 1:10 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l):
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
 Solid black areas pale. Fig(s) _____
 Solid black shading not permitted. Fig(s) _____
11. SHADING. 37 CFR 1.84(m):
 Object shading not uniform. Fig(s) _____
 Solid black areas pale. Fig(s) _____
 Solid black shading not permitted. Fig(s) _____
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p):
 Numbers and reference characters not plain and legible. Fig(s) _____
 Abbreviations. Fig(s) —5
 Figure legends are poor. Fig(s) _____
13. LEAD LINES. 37 CFR 1.84(q):
 Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t):
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
15. NUMBERING OF VIEWS. 37 CFR 1.84(u):
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. CORRECTIONS. 37 CFR 1.84(w):
 Corrections not made from prior PTO-948 dated _____
17. DESIGN DRAWINGS. 37 CFR 1.152
 Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER Jac DATE 4/18/00 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. 8

BEST AVAILABLE COPY